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<u>Claims</u>

1. A process for producing squeezable pouc hes comprising the steps of:

- a) extruding a metallocene catalyzed polyethylene having a density from 0.928 to 0.942 g/cm³ into a parison,
- b) blowing the parison of step a into a pouch,
- c) filling liquid into the pouch issued from step b,
- d) sealing the filled pouch issued from step c and
- e) sterilizing said pouch at minimum 118°C.

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- A process according to claim 1 wherein the metallocene is a bridged metallocene catalyst.
- 3. A process according to claim 1 or 2 wherein the metallocene is a bridged bis indenyl zirconium dichloride.
 - 4. A process according to any one of claims 1 to 3 wherein the metallocene catalyzed polyethylene has a melt index of from 0.3 to 2.5 g/10min. when measured according to ASTM D 1238 at 190°C under a load of 2.16 kg.

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- A process according to any one of claims 1 to 4 wherein the sterilization temperature is 119°C.
- 6 Squeezable pouches produced according to the process of claims 1 to 5
- 7 Use of the pouches according to claim 6 for medical packaging applications.

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